

Ref: PCN\_TOBY-L210\_20220705

# Product Change Notice

## **NB1800, NB1810, NB2800, NB2810, NB3701, NB3800 Product Update**

### **Standard LTE Modem Replacement**

#### **Summary**

Effective 31st of July 2022 NetModule is starting to replace the standard Cat. 4 LTE cellular modem for the region EMEA due to component shortage resp. end-of-life situation. This change will affect the specification of the LTE & GNSS feature set of our products with mPCIe modules.

The transition phase starts 31st of July 2022 and ends 31st of December 2022.

#### **Affected Products**

The change will affect all NB1800, NB1810, NB2800, NB2810, NB3701, NB3800 products with product option "-L" (EMEA region LTE Cat. 4) and "-G" (Standard GNSS). These products contain mPCIe modules. The cellular modem is changed from u-blox TOBY-L210 to Telit LE910C4-EU.

## Product Change

The following LTE and GNSS features comparison table show the changes introduced by the transition to the new modem. Most relevant changes are highlighted.

NetModule Modem Type	Standard LTE Modem with GNSS	
Lifecycle Status	End-of-Life	Replacement
Type	u-blox TOBY-L210	Telit LE910C4-EU
Region	EMEA	
Product Option Codes	"-L" and "-L-G"	
4G - LTE	B1, B3, B5, B7, B8, B20	B1, B3, B7, B8, B20, B28
3G - DC-HSPA+/UMTS (MHz)	B1(2100), B2(1900), B5(850), B8(900)	B1(2100), B3(1800), B8(900)
2G - GSM/GPRS/EDGE (MHz)	B2(1900), B3(1800), B5(850), B8(900)	B3(1800), B8(900)
LTE Category	4	4
MIMO	2x2	
Data rates (max) downlink / uplink	150 Mbps / 50 Mbps	150 Mbps / 50 Mbps
Voice Support	CSFB	CFSB, VoLTE
eUICC Support	Yes	Under development
GNSS Support	GPS, Galileo, GLONASS, BeiDou	
Tracking Sensitivity	Up to -165 dBm	up to -160 dBm
GNSS Chipset	u-blox M8	Modem built-in
Required NRSW	Various	4.7.0.100 and later
Product Revision	Various	Rev. C

## Additional Information

Should you have any questions, please do not hesitate to contact your sales representative sales@netmodule.com or NetModule support at support@netmodule.com or by phone +49 6196 779979 0 / +41 31 985 25 10

## Appendix - Product Revision on Type Label

### NB1800 / NB1810 / NB2800 / NB2810 / NB3701 / NB3800

Product Revision	Description	Software	Product Status
C01	Standard LTE & GNSS: Replacement of the standard LTE cellular modem for the region EMEA due to an end-of-life situation. This affects LTE & GNSS feature set of the router.	NRSW 4.7.0.100 and later	Starting 31-July-2022